

Converting Colors

XYZ(11.1697, 15.8232, 10.6272)

Have a look what the booklet for
XYZ(11.1697, 15.8232, 10.6272)
contains.

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Color

**XYZ(11.2685, 15.9601,
10.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	497A53
RGB	73, 122, 83
RGB Percent	29%, 48%, 33%
CMY	0.7137, 0.5216, 0.6745
CMYK	0.40, 0.00, 0.32, 0.52
HSL	132°, 25%, 38%
HSV	132°, 40%, 48%
XYZ	11.2685, 15.9601, 10.6703
YIQ	102.9030, -16.6850, -22.5170

Conversions

Conversions Part 2

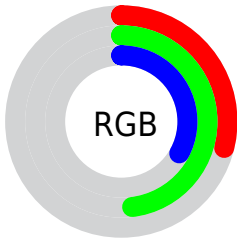
Format	Color
R_{YB}	73, 114, 122
Decimal	4815443
CIE Lab	46.92, -25.59, 16.28
CIE LCh	47, 30.326, 147.536
Yxy	15.9601, 0.2973, 0.4211
Android (android.graphics.Color)	4283005523 (0xFF497A53)
YUV	102.9030, -9.8122, -26.2249
Hunter-Lab	39.9501, -19.5642, 12.1293

Details

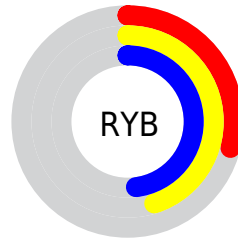
The XYZ color **11.2685, 15.9601, 10.6703** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.3337, 10.0728, 16.5712**, and the grayscale version is **12.8951, 13.5666, 14.7740**.

A 20% lighter version of the original color is **27.8758, 36.6385, 27.7930**, and **3.1091, 5.0992, 2.6541** is the 20% darker color. If you saturate the color by 10%, you get **10.0843, 15.3904, 8.7932**, and if you desaturate by 10%, it is **12.6874, 16.6456, 12.8333**.

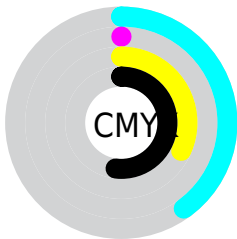
Distribution



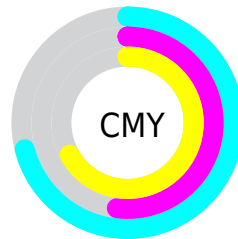
- Red (29%)
- Green (48%)
- Blue (33%)



- Red (29%)
- Yellow (45%)
- Blue (48%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (52%)



- Cyan (71%)
- Magenta (52%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2685, 15.9601, 10.6703 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 11.2685, 15.9601, 10.6703 by changing the saturation by 10% instead.

■ 11.2685, 15.9601,
10.6703

■ 11.2685, 15.9601,
10.6703

193.3710,
229.1062, 206.0470

■ 6.3164, 9.4959,
5.7342

■ 27.7842, 36.5289,
27.6761

■ 3.0809, 5.0660,
2.6180

■ 40.0784, 51.4024,
40.5830

■ 1.1967, 2.2861,
0.9017

■ 55.5507, 69.8477,
56.9838

■ 0.1037, 0.7663,
0.0000

■ 74.5665, 92.2492,
77.2972

■ 0.0000, 0.0000,
0.0000

■ 97.4910, 118.9915,
101.9417

124.6897,

150.4588, 131.3358

156.5279,
187.0356, 165.8980

■ 11.2685, 15.9601,
10.6703

■ 11.2685, 15.9601,
10.6703

■ 10.0843, 15.3904,
8.7932

■ 12.6874, 16.6456,
12.8333

■ 9.1208, 14.9282,
7.1889

■ 14.3517, 17.4509,
15.2923

■ 8.3643, 14.5672,
5.8450


■ 16.2727, 18.3820,
18.0582


■ 7.7989, 14.2994,
4.7477


■ 18.4609, 19.4441,
21.1413


■ 7.4067, 14.1160,
3.8819


■ 20.9259, 20.6419,
24.5510

 7.1343, 13.9895,
3.2383

 23.6772, 21.9802,
28.2967

 26.7234, 23.4632,
32.3871

 30.0731, 25.0951,
36.8309

 33.7344, 26.8800,
41.6362

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.9366, 15.9601, 7.3938



11.2685, 15.9601, 10.6703



10.6325, 15.9601, 16.7588

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.2685, 15.9601, 10.6703



14.9519, 15.9601, 36.3827



20.1440, 15.9601, 11.4737

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.2685, 15.9601, 10.6703



13.3337, 10.0728, 16.5712

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.8426, 15.9601, 18.0120



11.2685, 15.9601, 10.6703



17.6458, 15.9601, 33.7683

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.2685, 15.9601, 10.6703



12.5988, 15.9601, 32.8019



19.8808, 15.9601, 26.4329



18.0682, 15.9601, 7.7539

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.2685, 15.9601, 10.6703



10.8164, 15.9601, 22.1491



19.8808, 15.9601, 26.4329



20.5575, 15.9601, 13.3463

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.2689, 15.9608, 10.6707



27.8707, 31.9710, 30.6887



14.8703, 17.8588, 8.9667



6.2954, 7.2728, 6.9064



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.2689, 15.9608, 10.6707



17.9325, 27.1674, 15.7799



12.3773, 16.4041, 16.5073



3.9813, 4.4621, 4.4352



7.5082, 14.7269, 3.3952



35.5610, 70.1474, 14.8583

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.3337, 10.0728, 16.5712



22.0821, 15.3173, 27.6254



12.1581, 9.6025, 10.3804



4.1211, 4.0642, 4.8354



10.7238, 5.2657, 12.3683



50.8421, 24.9932, 57.3578

Previews

White Background



This preview shows how the XYZ color 11.2685, 15.9601, 10.6703 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 11.2685, 15.9601, 10.6703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2685, 15.9601, 10.6703

Background



This preview shows how black text looks on a background with the XYZ color 11.2685, 15.9601, 10.6703.



This preview shows how white text looks on a background with the XYZ color 11.2685, 15.9601,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.2685, 15.9601, 10.6703

Protanopia

14.6673, 15.8409, 9.4923

Deuteranopia

16.0397, 15.7258, 10.9941



Tritanopia

13.6069, 16.0228, 22.1142

Trichromacy



Original Color

11.2685, 15.9601, 10.6703

Protanomaly

13.0582, 15.6654, 9.9249

Deuteranomaly

13.7405, 15.4954, 10.8610

Tritanomaly

12.6357, 15.9817, 17.1707

Monochromacy



Original Color

11.2685, 15.9601, 10.6703

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.1009, 14.2717, 13.1833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2685, 15.9601, 10.6703 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(73, 122, 83)` looks like.

```
.text, #text, p{  
    color:rgb(73, 122, 83)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(73, 122, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 122, 83) }
```

Border

The CSS property to change the border of an element to XYZ 11.2685, 15.9601, 10.6703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 122, 83) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(73, 122, 83) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(73, 122, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 122, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 122, 83);  
box-shadow:4px 4px 4px 4px rgb(73, 122,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2685, 15.9601, 10.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 122, 83) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(73, 122,  
83) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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